

# East Hampton Union Free School District

## 20-Jun-19



Yr	A2 Annual Energy Cost With Out Savings	A3 Annual Energy Cost with Improvements	A=A2-A3 Annual Energy Savings	B Annual O&M savings	D=A1+A+B+C Total Annual Savings	E Annual Lease Payment	F Annual Service M&V Costs	G=E+F Net Annual Costs	Cumulative Cash Flow
<i>Imp.</i>			\$136,236	\$6,643	<b>\$142,879</b>	\$0	\$0	\$0	<b>\$142,879</b>
1	\$826,654	\$542,830	\$283,824	\$13,840	<b>\$297,664</b>	(\$335,140)	(\$9,780)	<b>(\$344,920)</b>	<b>\$95,624</b>
2	\$851,454	\$559,114	\$292,339	\$14,255	<b>\$306,594</b>	(\$335,140)	(\$10,073)	<b>(\$345,213)</b>	<b>\$57,005</b>
3	\$876,997	\$575,888	\$301,109	\$14,683	<b>\$315,792</b>	(\$335,140)	(\$10,376)	<b>(\$345,515)</b>	<b>\$27,282</b>
4	\$903,307	\$593,165	\$310,143	\$15,123	<b>\$325,266</b>	(\$335,140)	\$0	<b>(\$335,140)</b>	<b>\$17,408</b>
5	\$930,406	\$610,959	\$319,447	\$15,577	<b>\$335,024</b>	(\$335,140)	\$0	<b>(\$335,140)</b>	<b>\$17,293</b>
6	\$958,319	\$629,288	\$329,030	\$16,044	<b>\$345,075</b>	(\$335,140)	\$0	<b>(\$335,140)</b>	<b>\$27,228</b>
7	\$987,068	\$648,167	\$338,901	\$16,526	<b>\$355,427</b>	(\$335,140)	\$0	<b>(\$335,140)</b>	<b>\$47,515</b>
8	\$1,016,680	\$667,612	\$349,068	\$17,021	<b>\$366,090</b>	(\$335,140)	\$0	<b>(\$335,140)</b>	<b>\$78,465</b>
9	\$1,047,181	\$687,640	\$359,540	\$17,532	<b>\$377,072</b>	(\$335,140)	\$0	<b>(\$335,140)</b>	<b>\$120,398</b>
10	\$1,078,596	\$708,269	\$370,327	\$18,058	<b>\$388,385</b>	(\$335,140)	\$0	<b>(\$335,140)</b>	<b>\$173,643</b>
11	\$1,110,954	\$729,518	\$381,436	\$18,600	<b>\$400,036</b>	(\$335,140)	\$0	<b>(\$335,140)</b>	<b>\$238,539</b>
12	\$1,144,283	\$751,403	\$392,879	\$19,158	<b>\$412,037</b>	(\$335,140)	\$0	<b>(\$335,140)</b>	<b>\$315,437</b>
13	\$1,178,611	\$773,945	\$404,666	\$19,733	<b>\$424,398</b>	(\$335,140)	\$0	<b>(\$335,140)</b>	<b>\$404,696</b>
14	\$1,213,969	\$797,164	\$416,806	\$20,325	<b>\$437,130</b>	(\$335,140)	\$0	<b>(\$335,140)</b>	<b>\$506,686</b>
15	\$1,250,388	\$821,078	\$429,310	\$20,934	<b>\$450,244</b>	(\$335,140)	\$0	<b>(\$335,140)</b>	<b>\$621,791</b>
16	\$1,287,900	\$845,711	\$442,189	\$21,562	<b>\$463,752</b>	(\$335,140)	\$0	<b>(\$335,140)</b>	<b>\$750,403</b>
17	\$1,326,537	\$871,082	\$455,455	\$22,209	<b>\$477,664</b>	(\$335,140)	\$0	<b>(\$335,140)</b>	<b>\$892,927</b>
18	\$1,366,333	\$897,215	\$469,119	\$22,875	<b>\$491,994</b>	(\$335,140)	\$0	<b>(\$335,140)</b>	<b>\$1,049,781</b>
<b>Total</b>	<b>\$19,355,637</b>	<b>\$12,710,048</b>	<b>\$6,781,825</b>	<b>\$330,699</b>	<b>\$7,112,524</b>	<b>(\$6,032,513)</b>	<b>(\$30,229)</b>	<b>(\$6,062,742)</b>	<b>\$1,049,781</b>

<b>Total Project Net Cost:</b>	\$4,656,865	<b>NYSED Capital Building Aid Rate:</b>	0.0%
<b>Gross Project Costs:</b>		<b>NYSED Capital Building Aid Nominal Interest Rate:</b>	2.375%
<b>Other Costs (Construction Interest):</b>		<b>NYSED Amortized Amount:</b>	\$4,656,865
<b>Net Financed Investment:</b>	\$4,656,865	<b>NYSED Aid Payment Period (yrs):</b>	15.0
<b>Loan Interest Rate:</b>	3.00%	<b>NYSED Adjusted Payback (yrs):</b>	17.50
<b>Loan Term in Years:</b>	18	<b>Service Inflation Rate:</b>	3.0%
<b>Loan Payments Per Year:</b>	1	<b>Energy Inflation Rate:</b>	3.0%
<b>Total No. of Loan Payments in Arrears:</b>	18	<b>Operational Savings Inflation Rate:</b>	3.0%
<b>Sum of Annual Loan Payments:</b>	\$335,140		
JCI Confidential		<b>Total Program Cumulative Cash Flow:</b>	\$1,049,781
<b>Johnson Controls' Guarantee Period:</b>	18	<b>Net Present Value (at 5%):</b>	\$409,831